SI 3

COMPACT FULL-RANGE SURFACE MOUNT SPEAKERS

System INTEGRATOR®
SPEAKER SERIES

- Compact full-range speaker
- 3" (7.6 cm) full-range driver with a tuned bass reflex port
- Frequency response: 75 Hz to 18 kHz
- 16 watts continuous pink noise, 32 watts continuous program
- Exclusive V-Lock® mounting system included
- 8 ohm nominal impedance
- Black or white high-impact, weather-resistant enclosure
- Paintable grille and enclosure
- 5 year parts and labor warranty

The Extron SI 3 is a compact, full-range surface mount speaker featuring a 3" (7.6 cm) driver coupled to an exclusive conical baffle that delivers very wide room coverage, as well as wide frequency response for accurate voice and music reproduction. This System Integrator® Series speaker is ideally suited for small to medium classrooms and conference rooms, and features a durable, weather-resistant construction for use in outdoor environments.

DESCRIPTION

The Extron **SI 3** compact surface mount speaker features a 3" (7.6 cm) full-range driver coupled to an exclusive conical baffle that enhances coverage throughout the listening area. The driver features an incredibly wide frequency response of 75 Hz to 18 kHz, and 16 watts continuous pink noise and 32 watts continuous program capacity. An internal overload protection circuit prevents driver damage due to excessive input levels.

This System Integrator Series speaker is ideally suited for small to medium classrooms where wall space is at a premium due to projector screens, pull-down maps, and white boards. With a weather-resistant construction, the SI 3 is also at home in outdoor environments.

The exclusive conical baffle provides a broad dispersion of the mid and high frequencies in order to optimize room coverage from a compact speaker. Voice intelligibility is critical for classrooms and many other applications, and the SI 3 provides excellent voice clarity without compromising music reproduction.

Included with the SI 3 is Extron's exclusive Patent Pending V-Lock mounting hardware, which facilitates easy, secure installations, and allows for wide 60° horizontal and 55° vertical travel.

The SI 3 is sold in pairs and is available in a black or white finish, and includes a 5 year parts and labor warranty.

FEATURES

- **Compact full-range speaker**
- **3" (7.6 cm) full-range driver with a tuned bass reflex port**
- **Frequency response: 75 Hz to 18 kHz**
- **16 watts continuous pink noise, 32 watts continuous program**
- **Exclusive V-Lock mounting system included**
- **Internal driver overload protection**
- **8 ohm nominal impedance**
- **Black or white high-impact, weather-resistant enclosure**
- **Grille and enclosure may be painted to match environment**
- **5 year parts and labor warranty**

SPECIFICATIONS

AUDIO/ACOUSTIC AND ELECTRICAL

Speaker type	Indoor/outdoor surface mount speaker
Frequency range	75 Hz to 18 kHz, -10 dB, half space
Power capacity	16 W continuous pink noise 32 W continuous program
Nominal sensitivity	83 dB SPL, 1W, 1 m, half space
Nominal impedance	8 ohms
Driver	3" (76.2 mm) paper cone
Overload protection	Full range power limiter
Input connector	2 pin spring terminals

GENERAL

Package	2 speakers (1 pair)
Temperature/humidity	Storage: -40 to +158 °F (-40 to +70 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing
Mounting	Wall mountable with included wall mountable V-lock brackets

NOTE: V-lock brackets can be angled up to 20° upward, 35° downward, 30° to the left, and 30° to the right.

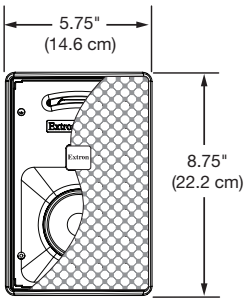
Enclosure type	Plastic, trapezoidal, with metal grille and bass reflex ports
Enclosure outer dimensions	8.75" H x 5.75" W x 5.6" D (22.2 cm H x 14.6 cm W x 14.2 cm D)
Product weight	4.0 lbs (1.8 kg) each
Shipping weight	13 lbs (6 kg) per pair with mounting kit package
Warranty	5 years parts and labor

NOTE: All nominal levels are at ±10%.

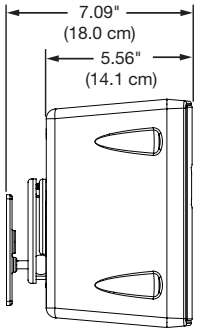
Model	Version Description	Part Number
SI 3	Surface Mount - 3" Driver, Black, Pair	42-105-02
SI 3	Surface Mount - 3" Driver, White, Pair	42-105-03

Specifications are subject to change without notice.

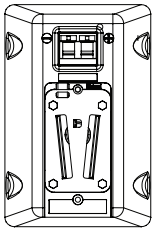
DIMENSIONAL DRAWINGS



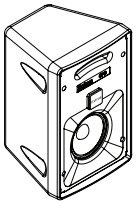
Front View



Side View



Rear View



Isometric View

EXCLUSIVE FEATURES

Extron Conical Baffle

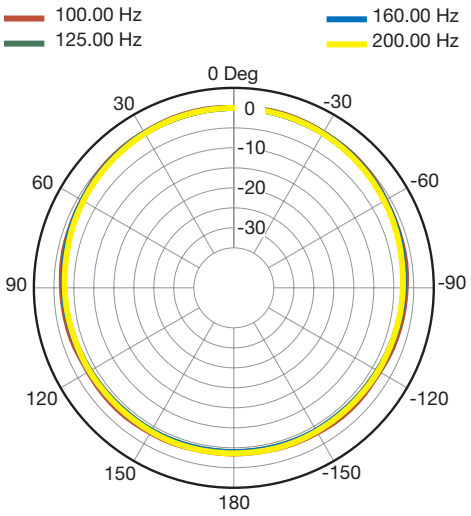
A compact surface mount speaker is a logical choice when wall space is at a premium. To address the issue of beaming in the midrange and high frequencies that can be found in a small, compact speaker, the SI 3 has been designed with a 3" full-range driver that is acoustically coupled to an Extron exclusive conical baffle. This baffle serves as a waveguide to help create a wide dispersion profile. With this very broad conical spreading of the mid and high frequencies, two SI 3 speakers in a small to medium classroom should ensure consistent volume levels for everyone while delivering increased intelligibility and accurate music reproduction.

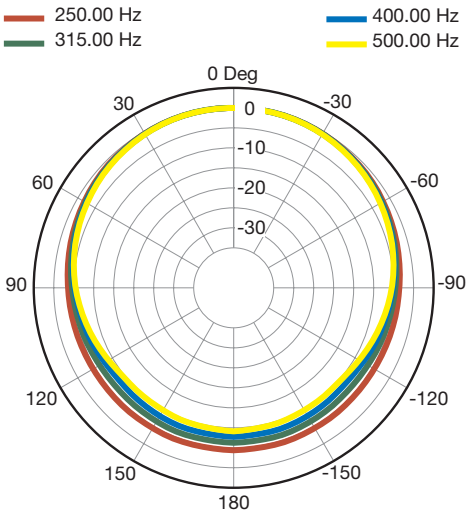
Extron V-Lock Speaker Mounting System

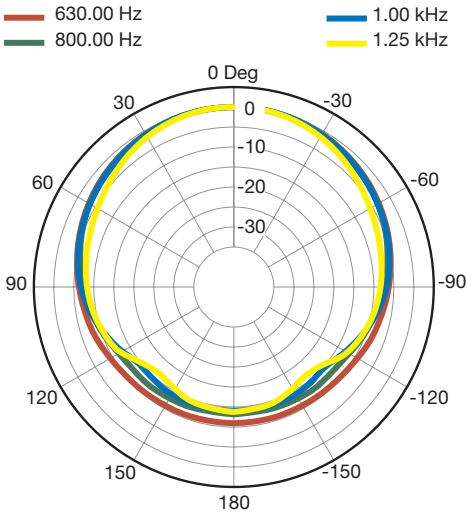
Integrators are confronted with a number of challenges in the successful installation of surface mount speakers. To address these challenges, Extron has developed V-Lock, an exclusive, Patent Pending speaker mounting system, included with each SI 3 surface mount speaker.

V-Lock simplifies installation and substantially reduces the effort required to place and correctly position wall-mounted speakers, while also offering theft deterrence. V-Lock is comprised of two components, one that is mounted to the wall, and the other which is integral to the speaker.

- **Easily mounts like a picture frame** – After mounting the V-Lock bracket to the wall, position the speaker so that the "V" rails on the back slide into the "V" channel of the wall mount. The process is akin to installing a picture frame onto the wall. The speaker is now fully supported by the mounting hardware, so that a balancing act is no longer necessary.
- **One-step positioning and locking** –Both hands are now free to orient the speaker as desired. Then, using the included tool, fully secure the speaker to the mounting hardware by tightening the V-Lock mount through the slot on the front grille. The subtle, low profile Extron badge covers the slot after installation, hiding it from view.
- **Wide positioning arc** –V-Lock offers wide 60° horizontal and 55° vertical travel, so that the speaker can be easily positioned to achieve optimized sound coverage.
- **Theft-deterrent design** – The V-Lock mounting hardware is integral to the speaker, making simple detachment impossible. Access to the hardware is possible only through the front baffle slot, which is concealed. Additionally, only the included tool will work with the hardware. Therefore, V-Lock provides an effective solution for deterring theft.


100.00 Hz
125.00 Hz
160.00 Hz
200.00 Hz
0 Deg
30
-30
60
-60
90
-90
120
-120
150
-150
180
0
-10
-20
-30


250.00 Hz
315.00 Hz
400.00 Hz
500.00 Hz
0 Deg
30
-30
60
-60
90
-90
120
-120
150
-150
180
0
-10
-20
-30


630.00 Hz
800.00 Hz
1.00 kHz
1.25 kHz
0 Deg
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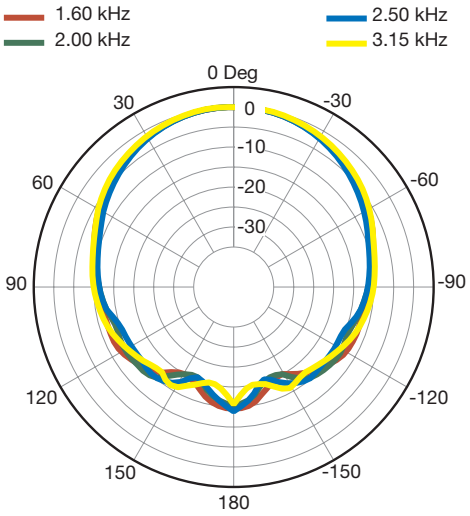
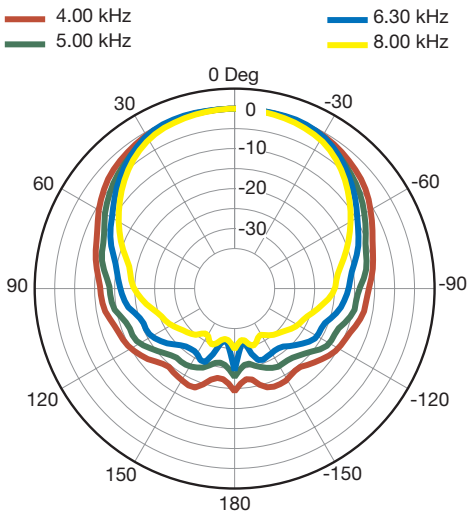
-30
60
-60
90
-90
120
-120
150
-150
180
0
-10
-20
-30


1.60 kHz
2.00 kHz
2.50 kHz
3.15 kHz
0 Deg
30
-30
60
-60
90
-90
120
-120
150
-150
180
0
-10
-20
-30


4.00 kHz
5.00 kHz
6.30 kHz
8.00 kHz
0 Deg
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-30
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-60
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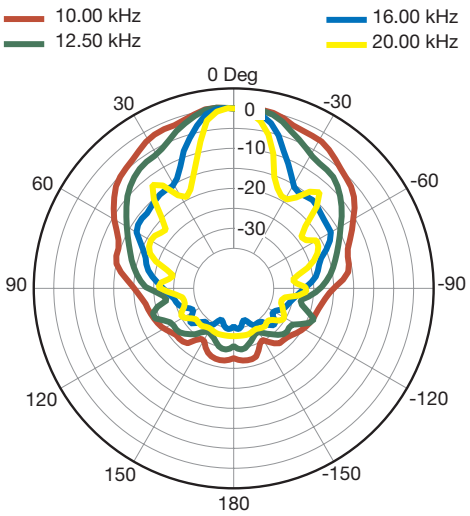
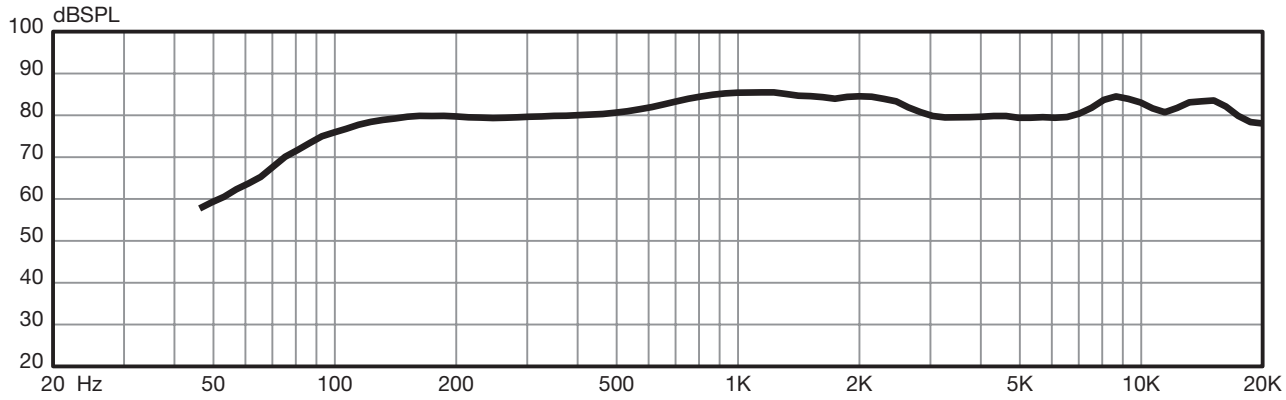
-90
120
-120
150
-150
180
0
-10
-20
-30

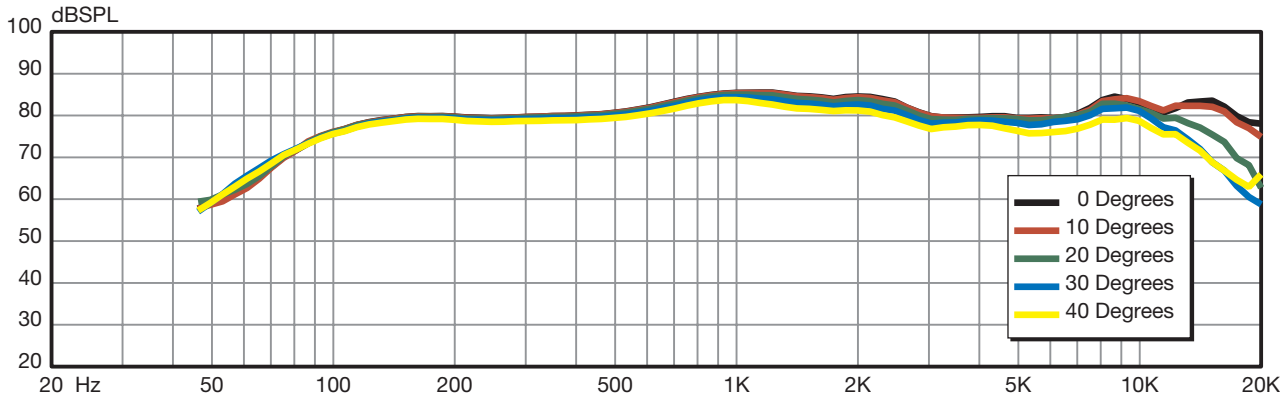

10.00 kHz
12.50 kHz
16.00 kHz
20.00 kHz
0 Deg
30
-30
60
-60
90
-90
120
-120
150
-150
180
0
-10
-20
-30

RESPONSE GRAPHS – FREQUENCY AND IMPEDANCE

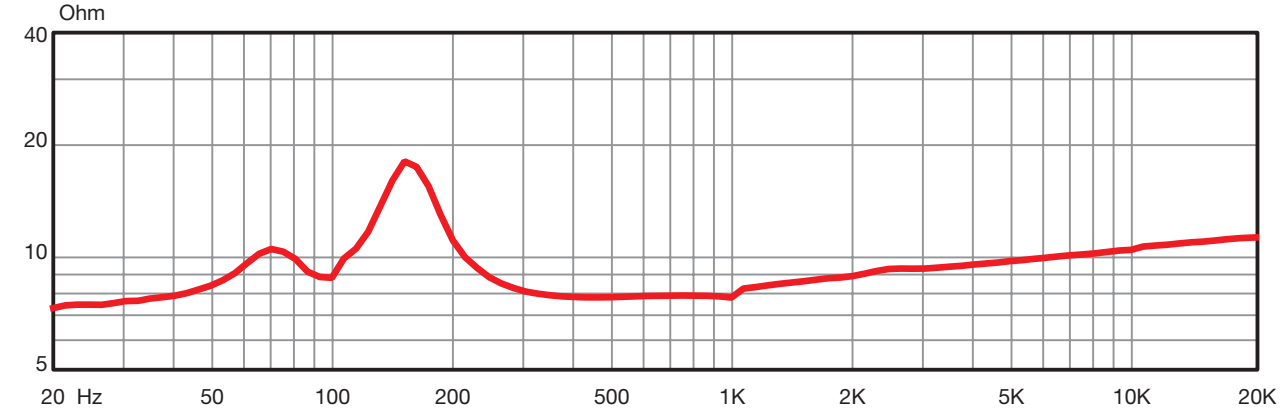
SPL VS FREQUENCY – 1 WATT @ 1 METER RESPONSE, FULL SPACE (4π)



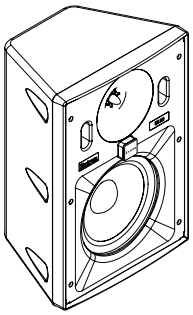
SPL VS FREQUENCY – HORIZONTAL OFF-AXIS RESPONSE, FULL SPACE (4π)



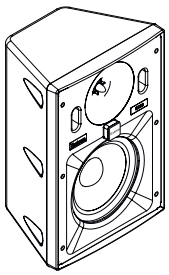
IMPEDANCE VS FREQUENCY



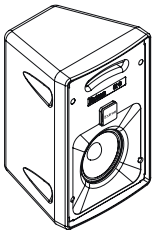
SURFACE SPEAKERS



SI 28
8" (20.3 cm) Woofer
1" (2.5 cm) Tweeter
50 Hz to 20 kHz
180 Watts Cont. Prog.

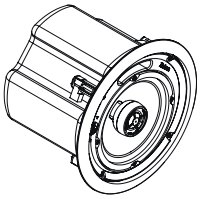


SI 26
6.5" (16.5 cm) Woofer
1" (2.5 cm) Tweeter
70 Hz to 20 kHz
150 Watts Cont. Prog.

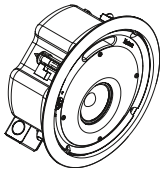


SI 3
3" (7.6 cm) full range
75 Hz to 17 kHz
32 Watts Cont. Prog.

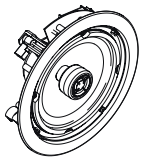
CEILING SPEAKERS



SI 26CT
6.5" (16.5 cm) Woofer
1" (2.5 cm) Pivoting Tweeter
70 Hz to 20kHz
150 Watts Cont. Prog.
Plenum Rated 8" Back Can

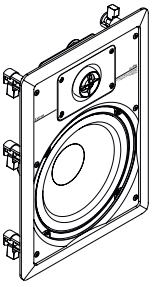


SI 3CT LP
3" (7.6 cm) Full Range
75 Hz to 17 kHz
32 Watts Cont. Prog.
Plenum Rated 4" Back Can

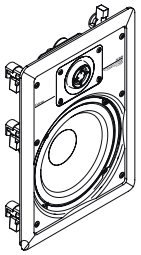


SI 26X
6.5" (16.5 cm) Woofer
.75" (1.9 cm) Tweeter
50 Hz to 20 kHz
50 Watts Cont. Prog.

IN WALL SPEAKERS



SI 28W
8" (20.3 cm) Woofer
1" (2.5 cm) Tweeter
30 Hz to 20 kHz
70 Watts Cont. Prog.



SI 26W
6.5" (16.5 cm) Woofer
.75" (1.9 cm) Tweeter
40 Hz to 20 kHz
60 Watts Cont. Prog.

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